

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035156.D
 Acq On : 6 Jul 2020 21:44
 Operator : SY/AP
 Sample : L3190-03 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EXHAUST-02

Manual Integrations
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Quant Time: Jul 07 06:04:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	960855	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2326336	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2176641	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1835754	10.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	21836	0.188	ppbv	# 27
20) Methylene Chloride	4.31	84	16222m	0.345	ppbv	
27) Carbon Disulfide	4.53	76	62959	0.644	ppbv	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

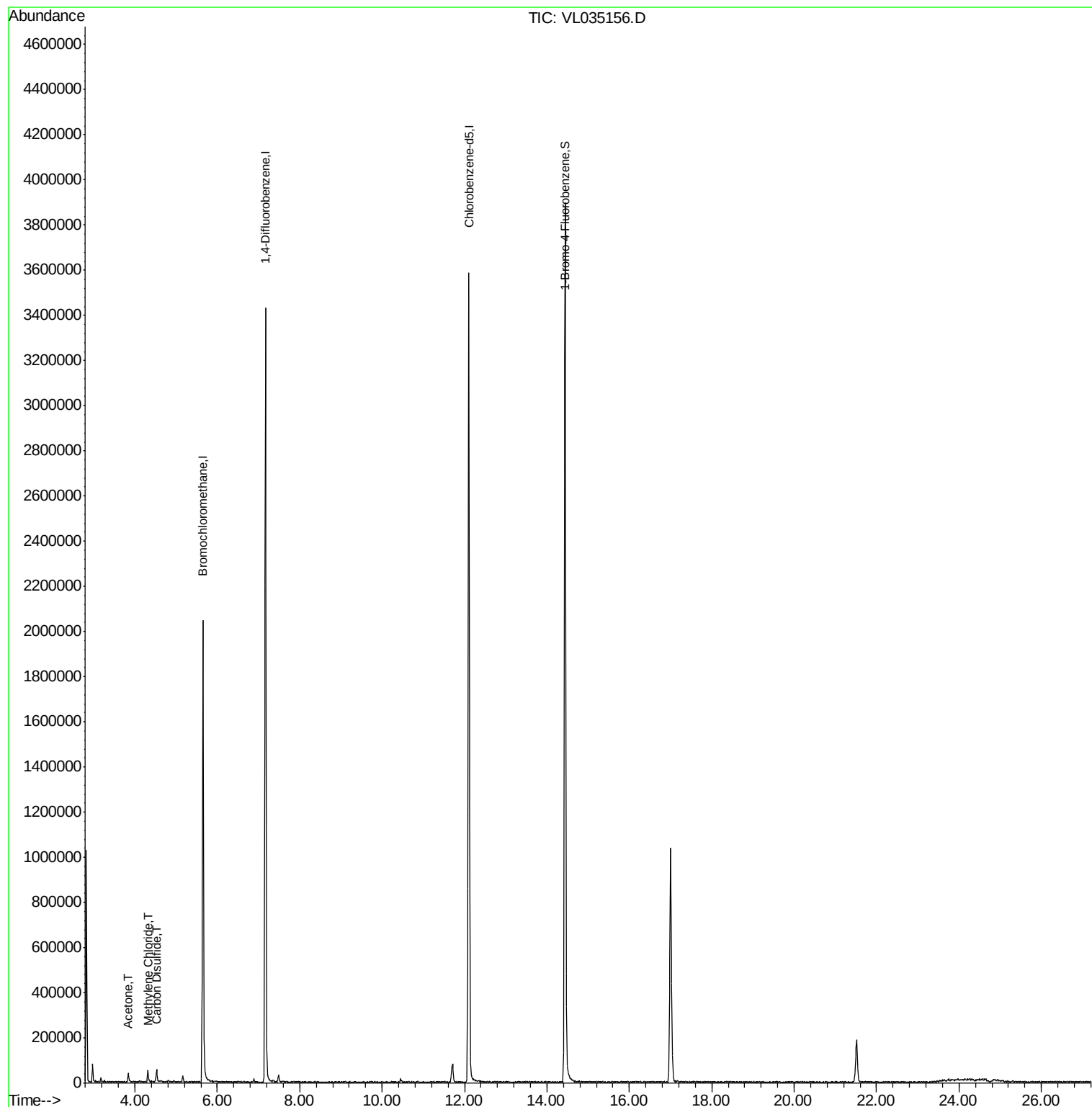
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Data File : VL035156.D
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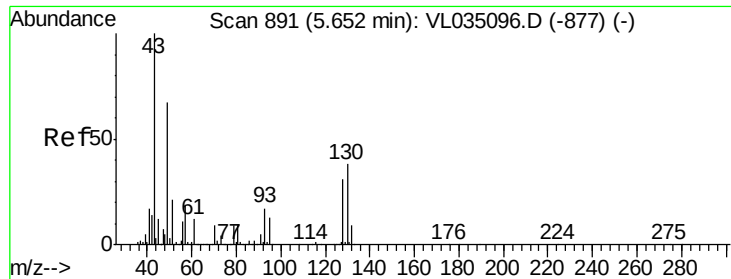
Instrument :
MSVOA_L
ClientSampleId :
EXHAUST-02

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Quant Time: Jul 07 06:04:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
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QLast Update : Sat Jun 20 02:10:36 2020
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#1

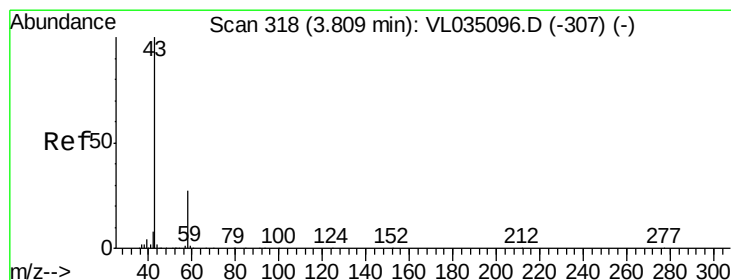
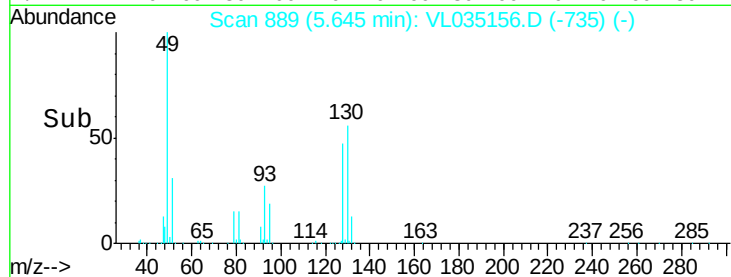
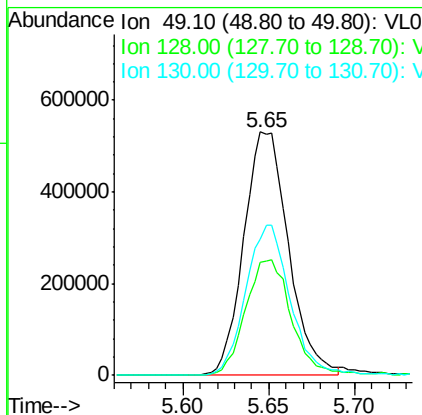
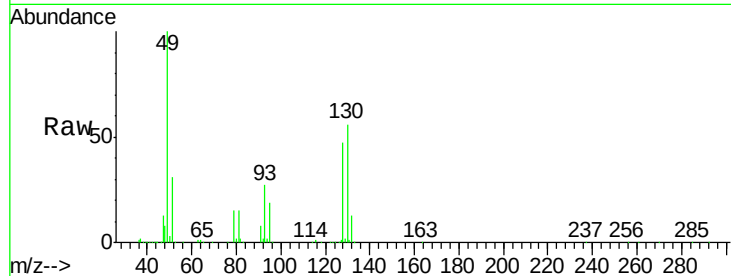
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: VL035156.D
 Acq: 6 Jul 2020 21:44

Instrument :
 MSVOA_L
 ClientSampleId :
 EXHAUST-02

Tot Ion	Ratio	Lower	Upper
49	100		
128	49.1	22.9	68.5
130	62.0	29.0	87.0

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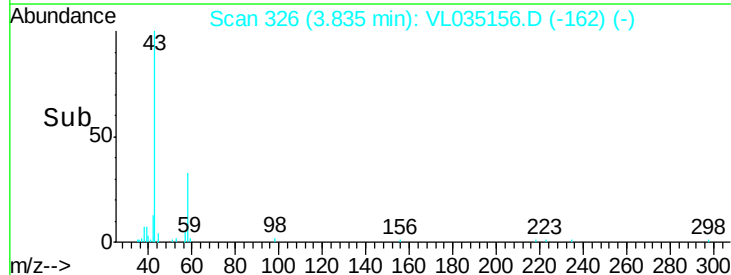
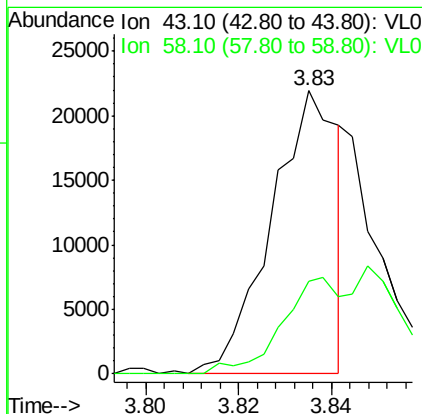
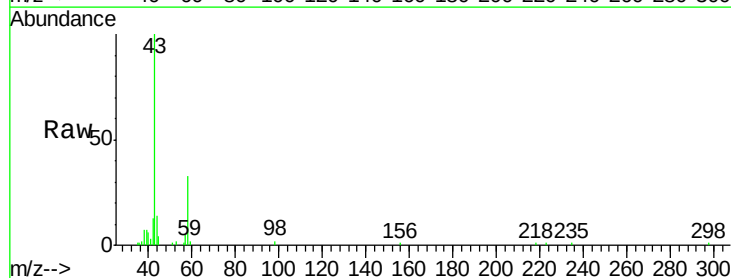
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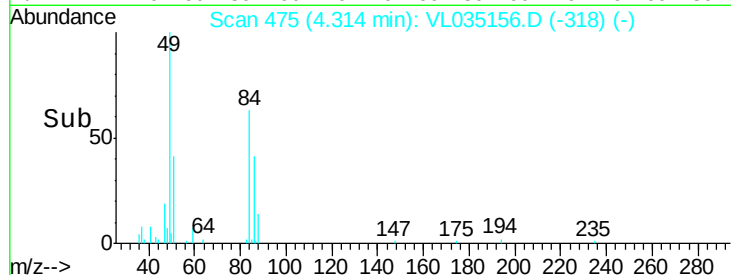
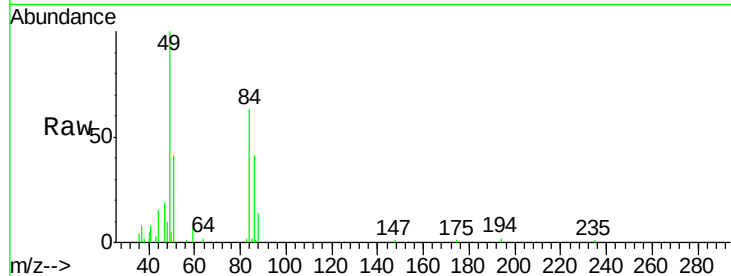
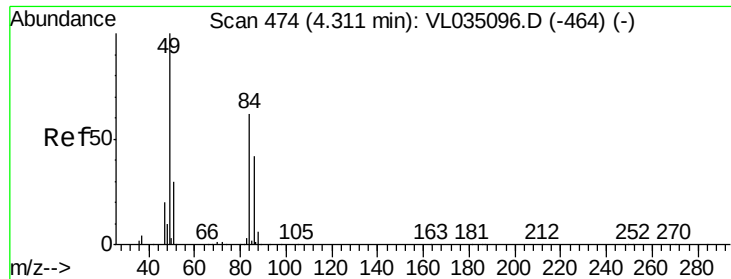


#15

Acetone
 Concen: 0.188 ppbv
 RT: 3.83 min Scan# 326
 Delta R.T. 0.03 min
 Lab File: VL035156.D
 Acq: 6 Jul 2020 21:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	64.9	21.8	32.6#





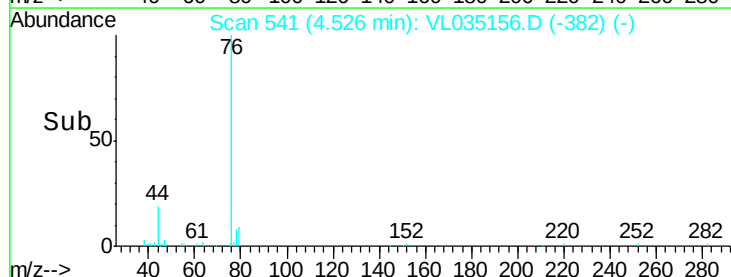
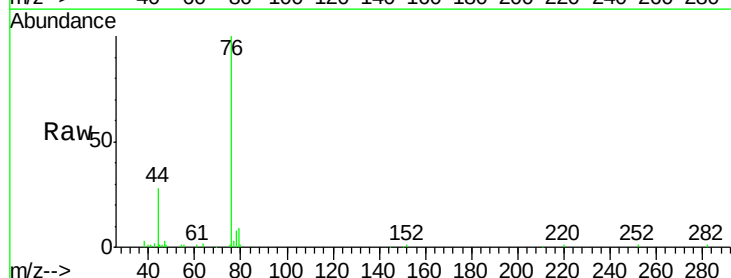
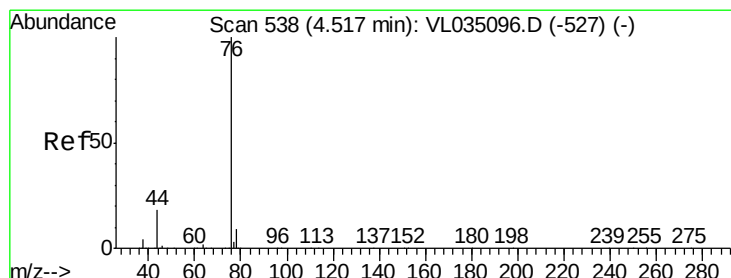
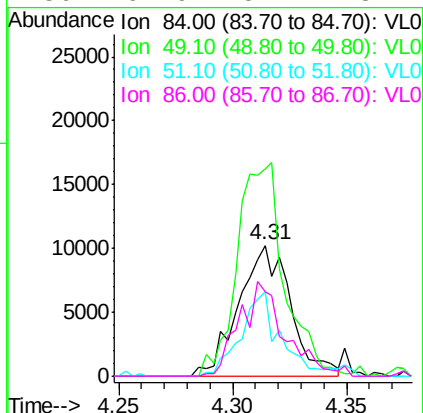
#20
Methylene Chloride
Concen: 0.345 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL035156.D
Acq: 6 Jul 2020 21:44

Tot Ion	Ratio	Lower	Upper
84	100		
49	158.5	128.8	193.2
51	64.9	38.7	58.1
86	64.9	54.1	81.1

Instrument :
MSVOA_L
ClientSampled :
EXHAUST-02

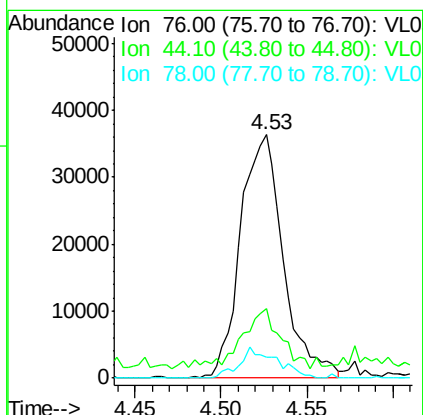
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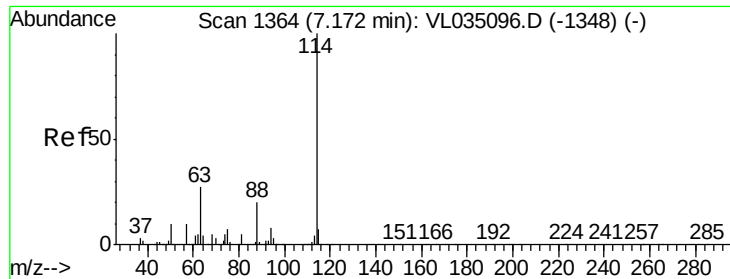
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#27
Carbon Disulfide
Concen: 0.644 ppbv
RT: 4.53 min Scan# 541
Delta R.T. 0.01 min
Lab File: VL035156.D
Acq: 6 Jul 2020 21:44

Tgt Ion	Ratio	Lower	Upper
76	100		
44	23.1	15.8	23.8
78	11.2	7.6	11.4





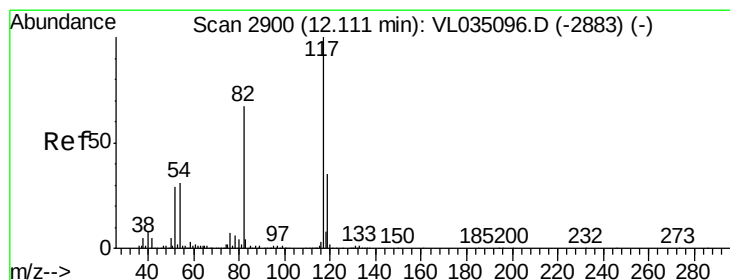
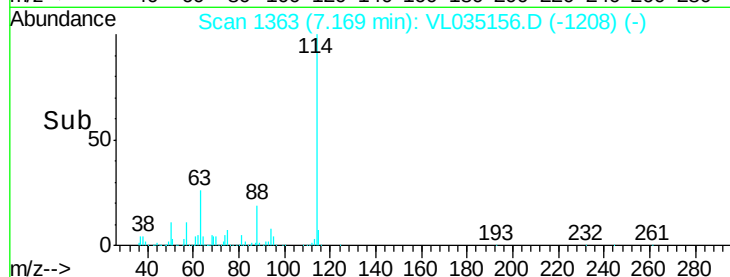
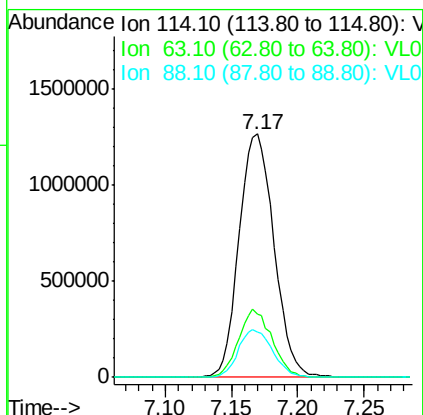
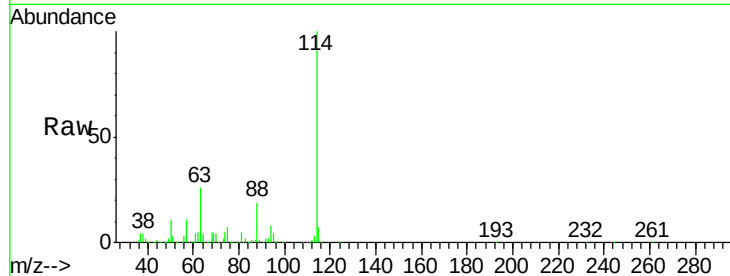
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VL035156.D
 Acq: 6 Jul 2020 21:44

Instrument :
 MSVOA_L
 ClientSampleId :
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Tot Ion:114 Resp: 2326336
 Ion Ratio Lower Upper
 114 100
 63 26.9 21.9 32.9
 88 19.2 15.6 23.4

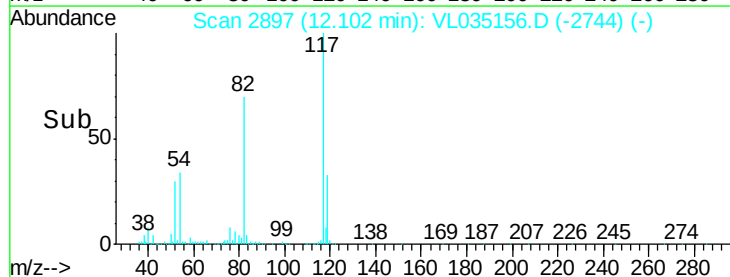
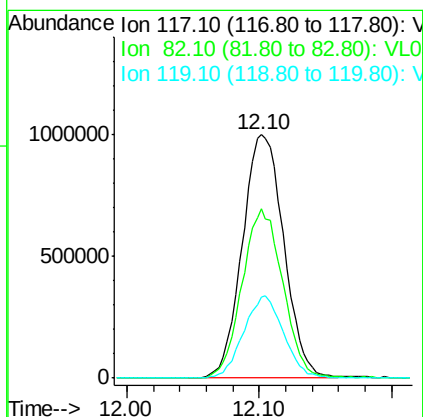
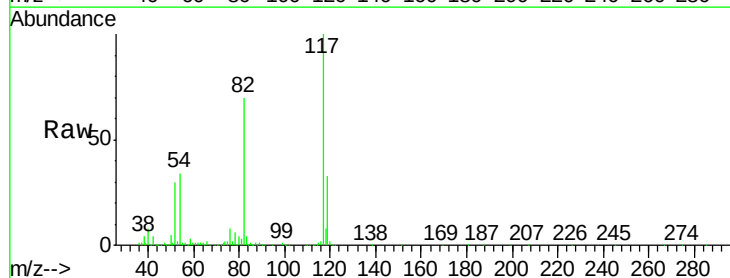
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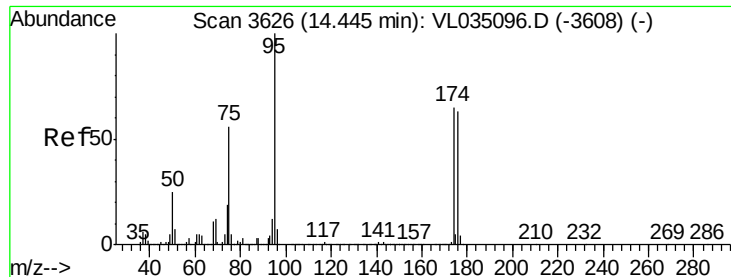
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2897
 Delta R.T. -0.01 min
 Lab File: VL035156.D
 Acq: 6 Jul 2020 21:44

Tgt Ion:117 Resp: 2176641
 Ion Ratio Lower Upper
 117 100
 82 68.2 50.4 75.6
 119 32.5 25.4 38.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.153 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. -0.01 min
 Lab File: VL035156.D
 Acq: 6 Jul 2020 21:44

Instrument :
 MSVOA_L
 ClientSampleId :
 EXHAUST-02

Tot Ion: 95 Resp: 1835754
 Ion Ratio Lower Upper
 95 100
 174 64.8 52.2 78.2
 175 4.7 4.0 6.0

Manual Integrations
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